

**U.S. Application No. 10/645,587**  
**AMENDMENT**

REMARKS

Applicant thanks the Examiner for the continued careful consideration of the application. Applicant respectfully traverses the objections and rejections, and makes the present amendments only to facilitate prosecution of the application.

New Claims 9-20 are supported by Claims 5 and 6.

Currently canceled Claims 1-3 were previously rejected as allegedly anticipated by Dibelius et al., U.S. Patent No. 3,342,721, (referred to below as “Dibelius”) under 35 U.S.C. §102(b). Currently canceled Claim 4 was previously rejected as allegedly anticipated by, or in alternative, obvious from Dibelius under 35 U.S.C. §102(b) or §103.

Applicant submits that current Claims 5-6 (previously withdrawn) and 9-20 (new) are patentable over Dibelius. In particular, Claim 9 contains the express limitation “wherein said first reactant is in said first dielectric liquid,” which is not contemplated by Dibelius.

Dibelius teaches “supplying a reactive gas” at column 5, lines 19-20, and “a conductive liquid under treatment” at column 5, line 54. Dibelius teaches that a certain “liquid guide finds particular utility with liquids that are highly viscous or which tend to form solids within the corona environment.” (See column 6, lines 34-36). Dibelius does not teach incorporating a reactant in a dielectric liquid as presently claimed.

Applicant asks that all claims now be allowed.

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Respectfully submitted,

A handwritten signature in black ink, reading "Thomas J. Moore", written over a horizontal line.

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